

# ULTRA'LAPSEAL

## HIGH STRENGTH & FLEXIBLE LAP SEALING COMPOUND

ULTRA'LAPSEAL - Self -Leveling fast skinning and fast curing flexible compound. A modified EPDM Polymer product with excellent adhesion properties on many surfaces. ULTRA'LAPSEAL can be used as a fill-and joint sealer, for structure / profile seams or spreadable for larger areas. Applied with static mixer-tip with manual or automatic gun. An Anaerobic Sealer with Advanced resin technology containing Teflon for Locking, Sealing, Securing and lap making. Product is a high viscosity thixotropic gel paste which cures rapidly, sealing instantly to high strength.

ULTRA'LAPSEAL – specially formulated compound for use on EPDM rubber roofing membrane, concrete substrate, metals, fiberglass and some plastics. It can be used to repair broken parts, fill holes and cracks and build up surfaces. Initial cure is achieved in approximately 20 minutes. On full cure it can be painted, drilled or cut.

### Features

- Contains no solvent – provides 100% solids content, nonflammable, and virtually odorless
- High strength – provides load bearing properties equal to or greater than the materials being bonded
- Chemically/Environmentally Resistant – resists dilute acids, alkalis, solvents, greases, oils, moisture, sunlight.
- Weathering. Temperature resistant from -40°C to +160°C
- Initial cure in 15 minutes at room temperature
- Variable full cure – in 12 hours at room temperature or much more quickly at elevated temperatures.
- Many applications – fills holes and builds up cracks, bonds plastic, rubber, wood, concrete and metal
- Sandable with excellent feathering characteristics
- Cured film can be cut, drilled and painted

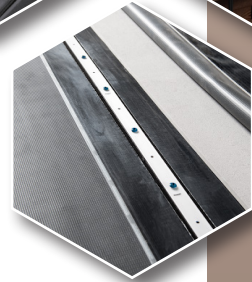
### Field of Application

ULTRA'LAPSEAL creates secure, secondary seal along the roof's edges, air vents, vent pipes and screw heads. Compatible with EPDM, PVC and TPO sheetin, it adheres firmly to aluminum, mortar, vinyl, galvanized metal, fiberglass and concrete.

- Waterproofing of seams, lap, cracks and openings
- EPDM /Neoprene rubber joint sealing
- Pipe ( PVC or metal ) penetration sealing
- Sealing of corners and joints prior to waterproof coatings

### Specification

Specific Gravity	1.2g/cc	(ASTM D -1475)
Colour	Grey /Black/white /RAL ref	
Shore D Hardness	50	(ASTM D 2240)
Adhesion	120 N	( ASTM C 794 )
Tensile strength	10N/mm <sup>2</sup>	( ASTM D 412 )
Elongation	≥500%	( ASTM D 412 )
Chemical resistant	Excellent	(ASTM D 543 )
UV Resistant	Highly Stable	
Application temperature	5°C to 50°C	
Service temperature	-40°C to 95°C	
VOC content	≤ 50g/l	(ASTM D 2369 )



engineered to perform

**Instruction for use**

All surfaces must be sound, clean, dry and free of frost, oil and grease. Priming is not necessary for most substrates. Consult OBS Technical support for additional information

**Application**

Apply ULTRALAPSEAL in sufficient quantity to cover the required areas and completely seal the seam or crack being treated, extending the LAPSEAL average 20mm on either side of the edge /seam or opening. A stiff-bristle brush /plastic scraper should be utilized to tool ULTRA'SEAL correctly to the alligatored areas. Apply thick bead of LAPSEAL for detailing and waterproofing of rough opening ( inside corners, cracks, joints and seams). Allow treated surfaces to skin ( minimum 6 hours ) prior to coating applications. ULTRA' LAPSEAL to use as a caulk on the roof, for old roofs remove all the damaged old caulk before plopping more mounds of new caulk on top. Mark around those areas that need attention, clean and dry it prior to the application of LAPSEAL. Air pockets, cracks and crevices are to be sealed with LAPSEAL in one or multiple layers as per the requirements.

LAP Seal is a flexible compound designed for sealing EPDM rubber , TPO ,PVC and other geo synthetics, fiberglass, wood, aluminum, steel or masonry which may be coated over after skin has formed. Great for sealing solar mounts on roofs and also sealing along roof edges, around vent covers, vent pipes, air conditioners and screw heads. It will remain flexible and UV-stabilized to prevent deterioration and discoloration. Use with a standard caulking gun applicator if sausage packing or apply with plastic scraper directly from 5 or 20 Kg mixed packs.

LAPSEAL is used for waterproofing roof membrane junctions or joints along the seams to seal all the edges to assure the water or air tightness. LAPSEAL features rubbery consistency once cured making it ideally for sealing wall trims as the flexibility will prevent cracking and splitting from occurring . LAP seal can be used to provide neat finish along compression type joints and are characterized as a heavy-bodied gun consistency material and are renowned for being durable and long-lasting.

**Packing**

600 ml pack, 5 Kg, 20 Kg,

**Storage and Shelf life**

LAPSEAL has a shelf life of twelve months from date of manufacture when stored in the original unopened container in dry, shaded conditions

**Technical Support**

OBS representatives are available to assist you in selecting an appropriate product and to provide on-site application instructions or to conduct jobsite inspections. For further assistance contact ORGANIX tech.support

**Health and Safety**

LAPSEAL contains a tacky compound and during application can adhere to human skin. The stain can be removed by using a cloth dipped in a light solvent. In case the affected area is sensitive, like the eyes, please contact the company physician for advice . The use of gloves and goggles against splashes are recommended. If in eyes, flush thoroughly with clean water, holding open to ensure trapped product may be flushed away. If swallowed, give water to drink and seek medical advice. If inhaled, unlikely due to products viscosity, remove to fresh air and apply artificial respiration if required and seek medical attention. If on skin, remove contaminated clothing and wash skin with soap and water.

